



The hard-hat-on sensor is a wearable device that prevents accidents that occur when employees are not wearing hard hats. The sensor is easily attached to a hard hat's chin strap, and it can be used both inside and outdoors because it is waterproof and dustproof.

■ The sensor is easily attached to a hard hat's chin strap.

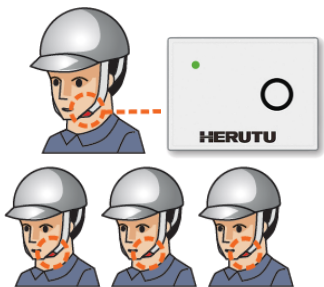


■ Available Countries :

Japan / Canada / USA / China / Thailand / Vietnam / Philippines / India

Real-time detection of Hard-hat's tightened Chin-Strap

Hard-hat-on Sensor ENS-HH01



Approx.
30 m (98 ft)

- Attaches easily to a chin strap
- Dustproof and Waterproof (IP65)
- Equipped with wireless technology with abundant proven results at industrial sites
- No battery replacement required for 1 year based on:
 - Depending on usage conditions
 - Wearing for 8 hours a day
 - Battery level notification feature

Capable of Communication with Pokayoke Receiver

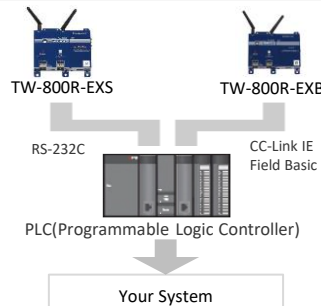
Pokayoke Receiver TW-800R-EXL



LAN

- An unlimited number of hard-hat-on sensors can be connected to one receiver.
- A waterproof receiver can be custom-made.

Receivers can be imported into your system via PLC.



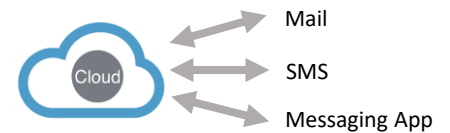
Ensuring Traceability of Safety

Application

POKAYOKE plus



- This application makes it possible to monitor whether workers are wearing hard hats at remote locations.
- The application notifies error information from Hard-hat-on Sensor by mail or SMS in real-time.



- Transmitter ID
- Wearing Status
- Transmitter Name
- Timestamp, etc.

■ ENS-HH01 Specifications

Frequency Band	2,403 MHz-2,478 MHz
Antenna	Chip Antenna
Input	2 Touch Sensors
Comm. Distance	30 m/33 yd (depends on usage conditions)
Protection Structure	Waterproof and Dustproof (Protection Structure IP65)
Display	1 LED (Green)
Switch	1 Test Switch

External Dimensions (W x H x D)	28.6 x 17.0 x 37.6 mm (1.1 x 0.7 x 1.5") (excluding protrusions)
Power Source	1 Coin Battery (CR2032)
Battery Life	For about 1 year by wearing for 8 hours a day (depending on usage conditions)
Weight	Approx. 19g (0.67 oz)
Operating Environment	Temperature: 0-50 °C (32-122 °F) Humidity: 80% or less

■ POKAYOKE plus Specifications and operating environment

Supported OS	Windows 8.1 or later to Windows 10 32-bit / 64-bit
CPU	Intel® Core™ 2.3GHz or above
Required Memory	4GB or above
Resolution	1366 x 768 (FWXGA) or above
HDD	Free space of 1GB or above, excluding data / log
Supported Languages	Japanese / English



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